

#2

List of Patents and Publications For
Applicant's Information Disclosure
Statement

Serial No.: _____

Applicants: Roger A. Green, et al.

Filed: _____ Group: _____

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Subclass
QC	5,950,119	9/7/99	McGeehan et al.	455	302
QC	5,937,341	8/10/99	Suominen	455	324
QC	5,905,764	5/18/99	Watanabe et al.	375	341
QC	5,896,306	4/20/99	Aschwanden	364	724.011
QC	5,872,538	2/16/99	Fowler	342	194
QC	5,828,955	10/27/98	Lipowski et al.	455	324
QC	5,826,180	10/20/98	Golan	455	302
QC	5,822,380	10/13/98	Bottomley	375	347
QC	5,819,157	10/6/98	Ben-Efraim et al.	455	3.2
QC	5,818,383	10/6/98	Stockburger et al.	342	109
QC	5,812,947	9/22/98	Dent	455	427
QC	5,812,927	9/22/98	Ben-Efraim et al.	455	3.2
QC	5,809,087	9/15/98	Ashe et al.	375	340
QC	5,809,063	9/15/98	Ashe et al.	375	206
QC	5,771,263	6/23/98	Kanazawa et al.	375	261
QC	5,705,949	1/6/98	Alelyunas et al.	329	304
QC	5,631,646	5/20/97	Erhage	341	120
QC	5,604,929	2/18/97	Loper et al.	455	324
QC	5,568,520	10/22/96	Lindquist et al.	375	344
QC	5,559,517	9/24/96	Didomizio	342	156
QC	5,504,455	4/2/96	Inkol	329	304
QC	5,483,158	1/9/96	van Heteren et al.	324	318
QC	5,461,314	10/24/95	Arakawa et al.	324	318
QC	5,381,108	1/10/95	Whitmarsh et al.	330	2
QC	5,321,726	6/14/94	Kafadar	375	79
QC	5,315,620	5/24/94	Halawani et al.	375	102
QC	5,249,203	9/28/93	Loper	375	97
QC	5,230,099	7/20/93	Loper	455	324
QC	5,188,114	2/23/93	Thiele et al.	128	661.09
QC	5,125,008	6/23/92	Trawick et al.	375	102
QC	5,003,314	3/26/91	Berkowitz et al.	342	372
QC	4,953,182	8/28/90	Chung	375	97
QC	4,926,443	5/15/90	Reich	375	102
QC	4,876,489	10/24/89	Cawthorne	342	383
QC	4,616,229	10/7/86	Taylor, Jr.	342	171
QC	4,584,710	4/22/86	Hansen	455	226
QC	4,484,194	11/20/84	Arvidsson	343	17.7
QC	4,122,448	10/24/78	Martin	343	7.7
QC	4,003,054	1/11/77	Goldstone	343	17.7

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12/06/00

Examiner: _____

Date Considered: 5/2/04

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OTHER ART

Examiner

InitialsAuthor, Title, Date, Pertinent Pages, Etc.

Q4

Yu, Li, and Snelgrove, W. Martin, "A Novel Adaptive Mismatch Cancellation System for Quadrature IF Radio Receivers," IEEE Transactions on Circuits and Systems - II: Analog and Digital Signal Processing, Vol. 46, No. 6, June 1999, pp. 789-801.

Examiner: _____

Date Considered: 5/3/04

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Class	Subclass	Translation Yes / No
	EP0883242A2	9/12/98	Europe			

OTHER ART

Examiner Initials	Author, Title, Date, Pertinent Pages, Etc.
QG	Barel, Alain and Rolain, Yves, "A Microwave Multisine with Known Phase for the Calibration of Narrowbanded Nonlinear Vectorial Network Analyzer Measurements," <u>IEEE MTT-S Digest</u> , TH3B-6, 1998, pp. 1499-1502.
QG	Dorny, C. Nelson, "Least-Square Solution of Redundant Nonlinear Equations for Self-Cohering of Antenna Systems," pp. 397-402 (undated copy).
QG	Frey, Carolin Malott and Muller, Keith E., "Analysis Methods for Nonlinear Models with Compound-Symmetric Covariance," <u>Communications in Statistics - Theory and Methods</u> , 21(5), pp. 1163-1182 (1992).
QG	Green, Roger Allen, "Maximum Likelihood Technique for Quadrature Receiver Parameter Estimation," Master's Thesis, University of Wyoming, December 1994.
QG	Green, R.A.; Pierre, J.W. and Anderson-Sprecher, R.C.; "Bias and Variance Analysis of the Maximum Likelihood Estimators of Quadrature Receiver Gain Errors," 7 th SP Workshop on Statistical Signal & Array Processing, pp. 113-116.
QG	Pierre, J.W. and Fuhrmann, D.R., "Considerations in the Autocalibration of Quadrature Receivers," bears notice "Copyright 1995," pp. 1900 - 1903.
QG	Pierre, J.W. and Green, R.A., "Maximum Likelihood Technique to Quadrature Parameter Estimation," Copyright 1994, pp. IV-561 - IV-564.
QG	Pierre, J.W.; Pappu, R. and Kubichek, R.F.; "Effects of Quadrature Receiver Gain Error on Direction-Finding Algorithms," Copyright 1993, pp. 378 - 381.

Examiner: _____

Date Considered: 5/3/04

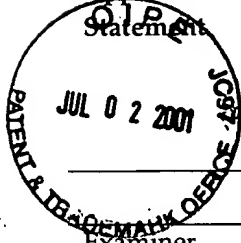
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List of Patents and Publications For
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Serial No.: 09/730/681

Applicants: Roger A. Green et al.

Filed: December 06, 2000 Group: 2631



U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Name	Class	Subclass
QG	A 6,122,325	09/19/00	Mogre et al.	375	261
QG	B 5,784,414	07/21/98	Bruekers et al.	375	324
QG	C 5,758,274	05/26/98	Vu et al.	455	246.1
QG	D 5,559,518	09/24/96	DiDomizio	342	174
QG	E 5,559,516	09/24/96	Didomizio et al.	342	118
QG	F 5,402,449	03/28/95	Schultes et al.	375	94
QG	G 4,965,853	10/23/90	Barnard	455	209
QG	H 3,992,616	11/16/76	Acker	235	156

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date*	Country	Class	Subclass	Translation Yes/No
QG	I 94/10756	05/11/94	PCT	HO4B	7/16	No
QG	J 0 602 394 A2	06/22/94	EPO	HO3D	7/16	No

*Date of Publication (U.S. date format)

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Examiner Initials	Author, Title, Date, Pertinent Pages, Etc.
QG	K Valkama, Mikko and Renfors, Markku, "Advanced DSP for I/Q Imbalance Compensation in a Low-IF Receiver", in <u>IEEE International Conference on Communications</u> , June 2000, Vol. 2 of 3, pp. 768-772.
QG	L Author's Manuscript of Green, Roger A. et al, "Quadrature Receiver Mismatch Calibration", published in <u>IEEE Transactions on Signal Processing</u> , November 1999, Vol 47, No. 11.
QG	M Green, Roger A. et al., "Quadrature Receiver Mismatch Calibration", reproduction of abstract published in <u>IEEE Transactions on Signal Processing</u> , May 1998, Vol. 46, No. 5.
QG	N Glas, Jack P.F., "Digital I/Q Imbalance Compensation in a Low-IF Receiver", in <u>Proc. IEEE Global Communications Conference</u> , September 1998, pp. 1-6.
QG	O Fernandez-Duran, Alfonso et al., "Zero-IF Receiver Architecture for Multistandard Compatible Radio Systems", in <u>Proc. 46th IEEE Vehicular Technology Conference</u> , May 1996, pp. 1052-1056.

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Date Considered: 5/3/04

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OTHER ART

Examiner

Initials

Qg

P

Author, Title, Date, Pertinent Pages, Etc.Crols, Jan and Steyaert, Michel S. J., "A Single-Chip 900 MHz CMOS Receiver Front-End with a High Performance Low-IF Topology", in Proc. IEEE Journal of Solid-State Circuits, December 1995, Vol. 30, No. 12, pp. 1483-1492.

Qg

Q

Paez-Borralló, Jose M. et al., "Self Calibrating Low IF Digital Image Rejection Receiver for Mobile Communications", believed presented September 1996, pp. 647-650.

Qg

R

Casajus Quiros, Francisco J. and Paez Borralló, Jose M., "A low IF image rejection receiver for DECT," RACE Mobile Telecommunications Summit, Cascais, Portugal, November 22-24, 1995, Vol. 1.

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Serial No.: 09/730,681
Applicant: Roger A. Green et al.
Group: 2631
Filed: December 6, 2000

U.S. PATENT DOCUMENTS

<u>Examiner</u> <u>Initials</u>		<u>Document</u> <u>Number</u>	<u>Date</u>	<u>Name</u>	<u>Class</u>	<u>Subclass</u>	<u>Filing Date</u>
QG	A	6,317,589	11/01	Nash	455	245.2	05/98
QG	B	5,950,119	09/99	McGeehan et al.	455	302	09/97
QG	C	5,887,247	03/99	Baltus et al.	455	277.2	11/97
QG	D	5,826,180	10/98	Golan	455	302	08/94
QG	E	5,125,008	06/92	Trawick et al.	375	102	03/90
QG	F	4,953,182	08/90	Chung	375	97	09/88

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